United States Department of Agriculture | Forest Service | Northeastern Area State & Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

File Code: 3400
Date: October 12, 2001

Mr. Mark Goodman
SEA 04X131
Naval Sea Systems Command
1231 Jefferson Davis Highway
Arlington, VA 22242-5160

Dear Mr. Goodman:

On October 2, 2001, USDA Forest Service personnel conducted a gypsy moth egg mass survey at the Allegheny Ballistics Laboratory. The purposes of the survey were to evaluate the efficacy of this year's treatment, assess the potential for defoliation and the need for treatment in 2002.

Gypsy moth survey plots were randomly selected based upon available host trees (oak species), size of sample area and uniformity between egg mass counts. At each sample point, a 1/40th acre fixed radius plot was established. The plots consisted of a tally of all the new (2001) egg masses observed on the overstory trees, understory vegetation, ground litter and duff. The total number of egg masses observed for each plot was multiplied by 40 to determine the number of egg masses per acre.

The location of the survey plots are shown in Figure 1 along with 2001 Dimilin® treatment block. I am pleased to report that no egg masses were detected at any of the survey plots. This is a 100 percent reduction from the pre-treatment level of 2,155 egg masses per acre. The treatment also provided foliage protection as no defoliation was detected at ABL while 99 acres of defoliation were detected on adjacent lands (see aerial survey report dated July 20, 2001).

Since no defoliation is anticipated, treatment is not recommended at ABL in 2002.

Please contact Rod Whiteman at (304) 285-1555 if you have any questions regarding this egg mass survey.

Sincerely,

for EDWARD T. CESA
Acting Field Representative
Morgantown Field Office

Enclosure

cc: Bill Cadow, ABL
Jan Hacker, WVDA
Noel Schneeberger, AO

JWH/RLW/blm

Figure 1. Gypsy moth survey plot locations at the Allegheny Ballisitics Laboratory, October 2, 2001.